Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 16 Jul 2021 until 23:59 on Saturday 17 Jul 2021

Forecast Issued on Thursday 15 Jul 2021 at 13:51

Confidence: High for the continuation of the settled conditions and the warmer trend, low for cloud amounts, distribution and intensity of any showers on Monday and Tuesday.

Headline for Friday 16 Jul 2021: A chance of low cloud at first, very warm and sunny otherwise.

Mountain weather hazards on Friday 16 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Friday 16 Jul 2021

Weather: A fine and dry day with plenty of sunshine but perhaps a few patches of low cloud in the west of the Park early in the morning, dissipating very quickly. Very warm otherwise, particularly in sheltered valleys where winds are expected to be lighter.

Chance of cloud free mountain/hill tops above 600m: 80% in the west (95% in the east) initially but quickly increasing to 100%.

Visibility: Mediocre initially in the west, with mist and cloud around 300m. Improving to very good early shortly after dawn, with distant hills becoming clearly visible all around and for much of the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 16 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/6 W	6/9 SW	7/12 W	9/13 W	9/14 NW	9/15 NW	9/14 NW	6/9 W	6/8 NE
300	3/5 E	4/6 SW	4/7 SW	7/11 NW	8/13 NW	8/13 NW	8/14 NW	5/9 W	4/6 NE
Valley	2/3 E	2/5 SE	1/4 S	5/9 NW	7/13 NW	7/13 NW	9/16 NW	3/7 NW	2/4 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	13/12	13/12	16/14	19/17	20/18	19/17	16/16	15/14
300	15/14	14/14	14/13	17/17	21/20	22/21	21/20	18/18	16/16
Valley	14/14	13/13	14/14	18/18	22/22	23/23	22/21	18/18	15/16
Freezing Level*	3200m	3100m	3100m	3100m	3100m	3000m	3000m	3100m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Another warm day with light winds and very strong sunshine. Sun protection and staying well hydrated strongly advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 14 Jul 2021	0mm	3.8mm	6.6mm

Forecast for Saturday 17 Jul 2021

Weather: Another dry, bright and sunny day with light winds. Feeling very warm.

Maximum wind: Westerly 10mph with gusts 15-20mph.

Chance of cloud free mountain/hill tops above 600m: >95% all day

Visibility: Mist and a few fog patches may reduce visibility around dawn, particularly in the northwest of the Park, but very good otherwise, with distant hills clearly visible.

Temperature: **Valleys:** Plus 17 becoming plus 28 Celsius
At 600m: Plus 10 becoming plus 21 Celsius
Freezing level: Above summits

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